

LFE5U-25F-8BG256I



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Part Number: [LFE5U-25F-8BG256I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC FPGA

Data sheet:  [ECP5™, ECP5-5G™ Family Datasheet](#)

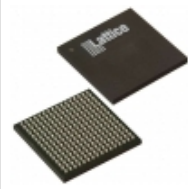
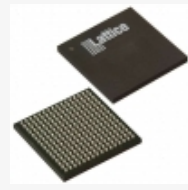
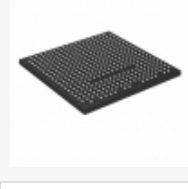
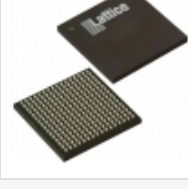
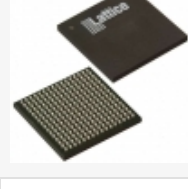
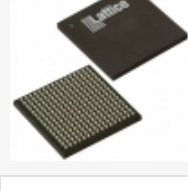
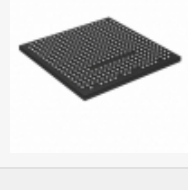
RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LFE5U-25F-8BG256I                         | Manufacturer                    | <a href="#">Lattice Semiconductor</a>            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC FPGA                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8428 pcs                                  | Data sheet                      | <a href="#">ECP5™, ECP5-5G™ Family Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.045 V ~ 1.155 V                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1032192                                   | Supplier Device Package         | 256-CABGA (14x14)                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ECP5                                      | Package / Case                  | 256-LFBGA                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 220-2208                                  | Operating Temperature           | -40°C ~ 100°C (TJ)                               |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24000                                     | Number of LABs/CLBs             | 6000                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 197                                       | Mounting Type                   | Surface Mount                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 9 Weeks                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                |                                 |                                                  |
| <div>Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 8428 pieces of Lattice Semiconductor LFE5U-25F-8BG256I in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.</div> <div>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a></div> |                                           |                                 |                                                  |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                      |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">LFE5U-25F-7BG256C</a><br>Description: IC FPGA                          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-45F-6BG256C</a><br>Description: IC FPGA                          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-6MG285I</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-8BG381C</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-8MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-7MG285I</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -7 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-8MG285I</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -8 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LFE5U-45F-6BG554C</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-45F-6BG381C</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-8BG256C</a><br>Description: IC FPGA                          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-45F-6BG256I</a><br>Description: IC FPGA                          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-7BG381I</a><br>Description: IC FPGA 197 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-7BG256I</a><br>Description: IC FPGA                          | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-7MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -7 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-45F-6BG554I</a><br>Description: IC FPGA 245 I/O 554CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-25F-6MG285C</a><br>Description: 24.3K LUTS, 118 /O, 1.1V, -6 SPE | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LFE5U-45F-6BG381I</a><br>Description: IC FPGA 203 I/O 381CABGA         | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

Related keywords for LFE5U-25F-8BG256I

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